

BEAVERS ENTERED IN B. A. A. TRACK MEET TOMORROW

Varsity and Freshmen Furnish
Men To All Events in
Competition

CHAMPIONSHIPS DECIDED

Track stars, both freshmen and Varsity, are anticipating a busy week-end, with two meets taking place tomorrow, one in the afternoon, and another at night. Both competitions are under the auspices of the Boston Athletic Association, and will be held in the Boston Arena. The best of Technology's track men are slated to enter, and the meets will determine, during the course of the day, the titles of the New England Champions in several events.

In the forty yard dash, Lockart, Bill, Hill, Allen, Sousa, Holladay, and Huff are to run, the freshmen entering without the support of the upperclassmen. In the 1000-yard run, Mann, Burdick, Albright, J. G. Smith, and McKay are on the card as M. I. T. entries. All of the men have been working off the drag that the holiday set upon their heels, and seem to be in as good shape already, as they were before the exams.

Men Work During Vacation

Several of the men were out on the track regularly during the exams and the vacation which followed, which will give them a decided advantage over the men from schools which had longer vacations. Dartmouth, Harvard, Holy Cross, and Princeton are entries in the games, besides the Institute, and the schoolboys for whom the meet was originally intended.

Racing for the New England Collegiate Championship the Varsity relay team will be slightly favored as things now stand. At the Millrose games in the Madison Square Garden, last Saturday night, the Institute team drew third place in both relays. They beat all the other New England colleges which had entered, but lost to Syracuse and N. Y. U. by only seven yards, turning in the excellent time of 3:31 2-5.

For the yearlings the relay team seems to be one of the best which has represented the Beavers in many long years, having done the mile in 3:35 2-5, in a competition against Boston.

(Continued on Page Three)

Sherwood Eddy To Talk Here Friday

Noted Lecturer Will Speak on
"The Present World
Situation"

Mr. Sherwood Eddy, world figure in Christian leadership and noted lecturer in all parts of the world, will speak at Technology next Friday afternoon at 4.00 in Room 10-250. President Compton will preside at the meeting, everyone connected with the Institute is invited to attend and hear Mr. Eddy speak on "The Present World Situation."

During the last thirty-five years, Mr. Eddy, who is a graduate of Yale, has been working among the students of Asia, Europe and America. He has spent many years working among the American Colleges and has also carried on much work with the students of India, the Far East, the Near East and Russia.

Eddy is a World Traveler

During the war he was with the British Army before our entry into the conflict, with the Americans at the battle of Chateau-Thierry, and the French in the Argonne and at Verdun. After the war he conducted campaigns in Czechoslovakia, Egypt and Turkey and has visited eighteen of the principal countries of Europe and the Near East where he studied the student situation, and the social and industrial problem in the midst of the strikes, unrest, revolution and small wars of the post-war period.

Mr. Eddy is also known as an author. Among his works are: "The Awakening of India," "With Our Soldiers in France," "The Right to Fight," and "Everybody's World," the latter showing America's relation to present war problems.

Mr. Eddy has already visited Technology. In 1921 he conducted a three day campaign at the Institute which created widespread interest and drew large attendances.

Applications for Loans Must Be In Tomorrow

Tomorrow will be the last day for the filing of applications for scholarships and loan funds. The blank forms are still available at the dean's office but they must be returned promptly. Up till yesterday about six hundred applications had been filed for scholarships and loans and many more are expected before the time limit is up.

Cast and Chorus Of Technicalities Resume Rehearsal

Opening Number of 1931 Tech
Show by Connable and
Clarke to go on Sale

Freed from the gruelling stresses of examinations and financially embarrassed from their dissipation of the following week, the cast and chorus of "Technicalities," Tech Show for 1931, have resumed rehearsals and are now putting on the finish-touches for the first presentation of the production at South Hadley on the evening of February 21.

The orchestra as well is getting in its practice and is able to render the score in no mean manner. The opening number, a snappy intriguing fox-trot, well named "Technicalities," with music by Carl Connable, '31, and words by Eugene Clark, '31, is now being published and will be put on sale.

Langdon Matthews, coach of both the cast and chorus, is working the actors nightly, and although quite successful in instilling feminine traits into otherwise masculine engineers, it is expected that the week end spent in the environs of Mt. Holyoke will provide an excellent education along this line with the result that the Boston run at the Fine Arts theatre from the 17th to the 21st of March will present men who are perfect ladies. That utmost perfection is being strived for is seen in the practice of making men who are taking female parts walk about with books on their heads in order to eliminate any ungainliness on the part of the "actor-esses."

And between semesters while the actors took time to recuperate, the rest of the members of the production were more than active. The stage department made Walker Memorial their scene of labor, filling up the whole south end of the gymnasium with sets and props in the process of construction and decoration. Co-eds from the tune department burned out one sewing machine and kept assistants busy running around Boston and Cambridge matching threads and materials.

DANCE WILL FOLLOW GAME SATURDAY EVE

Tickets Will Go on Sale Early
Part of Next Week

After the basketball game on Saturday, February 21, the Beaver Key Society is holding its second dance. Clark University of Worcester will travel to Cambridge and directly after the final whistle the orchestra, as yet unpicked, will begin to play in the Main Hall of Walker Memorial. Tickets are going on sale at the beginning of next week and they may be obtained from any of the members of the society, at a cost of seventy five cents.

During the next three weeks the Key Society will meet twelve athletic teams which are journeying to Technology. In order to keep up this work along with that of sending advance information to the schools money is essentially necessary and the supporting of this dance is strongly urged.

FACULTY CLUB HEARS SWANN AT LUNCHEON

Professor William F. G. Swann will speak today at the noon Luncheon Meeting of the Faculty Club on the subject, "Philosophic Concepts in Physics." A fifty cent table d'hôte luncheon will be served and a la carte service will be available at the Faculty Dining Room in Walker Memorial.

Professor Swann is Director of the Bartol Research Foundation of the Franklin Institute at Swarthmore, Penn. He was formerly Chief Physicist in the Department of Terrestrial Magnetism at the Carnegie Institution, Physicist for the Bureau of Standards, and Professor of Physics at Minnesota, Chicago and Yale.

ANNOUNCE DATE OF SOPHOMORE DANCE

Committee Engages Lamson
And His "Harvardians"
As Musicians

Preliminary announcement has been made by Herbert M. Larrabee, President of the Sophomore Class that the annual Sophomore Dance will be held on Friday night, February 27, in Walker Memorial. Sale of tickets at \$2.00 will begin on Monday morning in the Main Lobby of the Institute. All members of the student body are invited to attend.

Roy Lamson and his "Harvardians" including twelve pieces have already been engaged to furnish music for the affair. Dancing will begin at nine and will continue until two o'clock in the morning. Unique decorations have been promised by the dance committee.

Concert-Dance To Be Given March 6

First of Popular Priced Social
Functions To Be Held
With B. U.

Combining the musical offerings of Technology and Boston University in a concert and dance for the students of both institutions, the first of a series of popular priced social functions will be inaugurated on March 6th at the Hotel Somerset. The functions are being held, it is said, in response to the demand recently voiced in the editorial columns of THE TECH.

Music for the affair will be furnished by the Technonian Dance Orchestra and the Boston University Buccaneers who will engage in rendering dance rhythms until 2 a. m. The concert will begin at 8.30 and a noteworthy feature of it will be selections by the Men's and Women's Glee Clubs of Boston University.

The price of the tickets will be \$2.50 per couple and \$1.50 stag. Tickets will be placed on sale next week in the Main Lobby, at the T. C. A. office, and at the Combined Musical Clubs office in Room 303 Walker Memorial.

TRIP PLANNED FOR COLLEGE STUDENTS

Group to Visit Various Places
Of Interest in Boston

Offering an opportunity for the students of various colleges located around Boston to get together for one day and as a group visit places of interest about the city, the Council of Christian Associations of Greater Boston, has set aside next Sunday for this purpose.

All interested will meet at the Metropolitan Student Headquarters at 410 Stuart Street at 10.30 in the morning. From there the group will move on to the Trinity Church for the regular morning service. Following the

(Continued on Page Three)

B.S.C.E. INVITES ALL STUDENTS TO MEET

All students are invited to attend the Student Night meeting of the Boston Society of Civil Engineers to be held at Tremont Temple, Boston on Wednesday, February 18, at 6:00 o'clock. The meeting will open with a buffet supper in Chipman Hall, and following this, illustrated lectures on the subject "A Thoroughfare Plan for Boston" will be given at 7:00 o'clock in Lorimer Hall. The two speakers are Frederic H. Fay, Chairman of the City Planning Board of Boston, and Robert Whitten, City Planning Consultant. Tickets may be purchased from any of the Student Chapter officers at twenty-five cents each.

THE TECH In Drive For More Candidates

Simultaneously with a campaign to sell subscription books on Monday, Tuesday and Wednesday of this week, THE TECH will conduct a drive for new men to fill various positions which are now open in the different departments. The drive will culminate with a mass meeting which will be next Wednesday afternoon at five o'clock in Walker Memorial.

Two Types of Piles in New Building Explained

Having two different types of piles over in the excavation for the Physics and Chemistry building has caused much comment and it is explained by the fact that the ground under the different sections varies. Concrete piles about fourteen feet in length are being used in one section near Building 8 because of a six foot layer of sand in which this type finds a firm base. The forty foot poles are friction piles and are supported only by the mud and clay which is prevalent under the rest of the area.

Dedication Banquet Of New Dorms Will Take Place Tonight

Open House Will Be Observed
So That Guests May
Make Inspection

Dedicating and naming the new dormitory halls will play a large part in the program of the formal dinner which will be held tonight at seven-thirty in the Main Hall of Walker Memorial. Open house will be observed from six-thirty until ten-thirty, during which time the guests will have an opportunity of inspecting the various halls. All those that happen to be in during these hours are requested to be properly dressed and have their rooms open for inspection.

Table reservations may be made with Lincoln S. Gifford '31 in Ware 203; this is essential if a party desires to sit together for the banquet. The tickets are no longer on sale, and the Committee announces that over four hundred will be present.

President Compton to Talk

Following the dinner President Karl T. Compton will deliver an address. He will be followed by Mr. Samuel C. Prescott '94 who will announce the names of the New Dormitories. A reception for the President will follow in the Trophy Room.

Dancing will start at ten with the music being furnished by Ruby Newman and his ten piece band, who have been playing at the Ritz-Carlton. At twelve-thirty there will be an intermission during which refreshments will be served. At three the orchestra will stop playing and the men living in the New Dormitories will proceed to new but not strange halls.

GALA TIME PROMISED AT VALENTINE DANCE

Technology Catholic Club to
Give Affair in Walker

All Technology students are invited to the informal Saint Valentine Dance to be given Saturday night from 8:30 o'clock until 12 o'clock by the Technology Catholic Club in the main hall of Walker Memorial. The subscription for the dance will be \$1.25 a couple, and the committee in charge desires that all attending the dance come in couples.

The past policy of the club in running acquaintance dances has served its purpose for this year and it is hoped that the new plan will be a welcome innovation. If successful the dances will be continued throughout the remaining school year.

As there is a basketball game between M. I. T. and Saint Michael's College at 8:00 o'clock Saturday in the Hangar Gym, the committee hopes that the large crowd attending the game will also be interested in attending the dance.

TECHNIQUE SIGNUPS END SATURDAY NOON

For the benefit of those who have not yet made their Technique sign-up, representatives of Technique will be on hand in the Main Lobby until one o'clock Saturday instead of Friday night as previously announced. Sign-ups made now for one dollar will be redeemed in the spring for three dollars and will effect a saving of one dollar over the regular price of five dollars.

Although Saturday is the last day for the sign-ups in the main lobby the same offer will hold for the first three days of next week to fraternity members when representatives of Technique will visit each house to secure the last sign-ups. The Dormitories have been visited by representatives during the last few days.

FRATERNITY MEN MAKE PLANS FOR ELABORATE BALL

Conference Hires McKinney's
Cotton Pickers For
February 20

ONLY DANCE THIS YEAR

Music by McKinney's Cotton Pickers Orchestra will feature the only dance of the year to be given by the Interfraternity Conference on Friday, February 20, in the Main Ballroom of the Hotel Bradford. Incidentally, this ballroom is the largest in the city of Boston and was selected largely for that reason. Dancing will be enjoyed by the guests from nine o'clock until four o'clock in the morning.

McKinney's Cotton Pickers is an orchestra of some renown, being the well-known Goldkette organization from Detroit where they entertain many in the Greystone Ballroom. They have made several recordings for the Victor Concern some of their more recent selections being "You're Driving Me Crazy" and "If I Could Be With You"; they broadcast regularly from radio station WJR in Detroit. As may be suggested by their title they are colored musicians.

Hold Only One Dance

Departing from its usual custom the Interfraternity Conference will hold only one dance during the present year. It was felt that one dance with a better orchestra and a more desirable ballroom would have better results than a number of smaller dances. The Bradford was selected not only because of its large ballroom which would eliminate crowded dancing, but because of its convenient location in downtown Boston.

Prices for tickets will range from \$4.00 per couple to \$3.00 for stags. These prices will include light refreshments which will be served to the guests during intermission. Final selection of chaperones for the evening has not been made as yet, but will be announced at an early date. The committee in charge of the dance is composed of H. Sheldon Smith '31, chairman, Robert B. Semple '32, Arthur N. Rinehimer '32, Thomas E. Sears, Jr. '32, and Thomas H. Jenkins '32.

Contest Announced For Undergraduates

James Means Memorial Contest Medal as Award
to Students

Offering a reward of a bronze medal to the winner, the James Means Memorial Contest, for the year 1931, is open to any undergraduate at the Institute. This prize will be awarded for a paper covering one of the following subjects:

1. The Development of the Radio Beacon and its Application to the Navigation of Aircraft.
2. The Development of the Automobile Industry between 1900 and 1910 as Compared with the Development of the Airplane Industry between 1920 and 1930.

At the discretion of the committee of award there may be added a sum of money to the bronze medal which would be applied against the winning student's tuition fees for graduate work in Aeronautical Engineering, such work to be started at any time within two years from the date of the award. Judges are Dr. James H. Means '06, donor of the prize fund, and Professors H. G. Pearson and J. S. Newell.

Contestant Assumes Fictitious Name

Each contestant is to select the specific title for his paper and the essay is to be wholly his own work. Papers devoted to theoretical suggestions and general ideas are not desired, but rather those which contain specific information well digested and intelligently discussed. Competitors may get data from the Institute or public libraries, or from other dependable sources; references should be given to the sources of all information quoted. A bibliography should be included in each paper.

The papers are to be 3000 to 5000 words in length and are to be typewritten on one side of paper 8 1/2 by 11 inches. Each contestant is to sign his paper with an assumed name and is to enclose his own name in a sealed envelope bearing the assumed name

(Continued on Page Three)

A Record of
Continuous
News Service
For 50 Years



Official News
Organ of the
Undergraduates
of M. I. T.

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INSATIABLE JUNIORS

IN this world of constant change and reorganization there are men sufficiently interested in progressiveness to criticize with definite aims and purposes in mind, and there are men who criticize out of inborn iconoclastic tendencies. Within the Institute student body there is no small number of men who fall under the latter category, especially as regards the choice of orchestras for the annual Junior Prom.

It is an unfortunate circumstance that men sometimes cannot be persuaded to accept things which are being done for their own interests. The Junior Prom Committee has gone to great effort to make this year's occasion different and distinct from those of years before. The acquisition of two orchestras is an admirable achievement, but the fact that their names have not been written all over radio programs has irked some students to such a degree that they immediately take it for granted that they are being cheated.

The Junior Prom has ever been the highlight of Technology's social program, and it is of utmost desirability that it continue to hold its high position. It seems absurd to argue that two orchestras of the type selected are not better than one whose publicity has been wider. Variation in the style of music, continuous dancing, and the uniqueness, at least for the Institute, of having two distinct organizations play at the affair, are attractions which should make the Prom of the Class of 1932 a greater success than any preceding it.

The present committee deserves every commendation for the earnestness of its endeavors, and the fact that it has had the courageous originality to depart from Institute tradition seems to indicate that the result of its labors will be all that it is intended to be.

HELL

FOR many members of the undergraduate body, this week has been none too pleasant, since a great number of the fraternities have been conducting their initiations. Granted that an intensive program of physical torture can be put to some advantage, there exists a decided overemphasis in these annual proceedings.

At the Interfraternity Conference in New York late last fall, the matter of eliminating "hell week" from initiations was brought up for serious discussion, and, at the end, many reforms and substitutes had been suggested. However, the old order is still in existence, and the neophyte still must assume the proverbial angle.

The statement has been made that the program of a strenuous initiation may be of value to the initiate, especially in the seniors see in him. Moreover, it is argued, the "common sufferer" of correcting undesirable traits and habits which his "fering" of the new men contributes much in bringing them together in sympathetic understanding. Does it seem logical, however, that a man of twenty must have common sense beaten into him as does a babe of five? Or does it seem reasonable to interfere with a man's duties to his curricular activities?

The greatest desire of every fraternity is to impress the value of the organization upon the entering underclassmen, and it is admitted that the present routine accomplishes this aim to some extent. Nevertheless, a much greater impression might be made through a series of inspiring ceremonials, which should satisfy the need for some system of initiation, and at the same time, would be no detractor of the underclassman's attention from the main object of his being there: the school itself.

Jack Summers, Technology's Squash Coach, Wins National Championship

Retains Title Against Field Of Twenty Leading Pros In The Country

Defending his crown against the most representative group of professional squash racquet players yet assembled in a national tournament, Jack Summers, Coach of Technology's squash racquets teams, retained his title with a decisive victory over the opposing finalist, last Saturday afternoon at the B. A. A. In return for his efforts his name will be the first to be etched on the large silver cup, introduced this year as emblematic of the national professional squash racquets championship, although it is the second consecutive year in which the Institute professional has annexed the title.

Summers was seeded number one in a field of 21 of the best professionals of the country, located along the Atlantic seaboard, including representatives from Boston, New York City, Wilmington, and Pittsburgh. The tournament matches were distributed over the five days of last week and all contests, especially the semi-final and final matches were well attended in spite of the limited space available for viewing a squash racquets game.

Jack Wins First Match

Jack drew a bye in the first round and then met Selwyn Dufon, Boston Tennis and Racquet Club professional whom he dispatched in four games while losing one. The Institute pro was not forced by the straight game of the latter and did not display the shots as was to show in later contests. Jack struck his stride in the next encounter with Eddie Thompson also of the Tennis and Racquet club which produced a high quality of squash from both parties. Thompson employed a soft high serve which clung to the side wall on its sudden

descent which put Jack temporarily on the defensive but the Tech pro put on an exhibition of drop shots and corner rolls that stunned both the gallery and his opponent while he ran out the match 3 to 1.

The next match, admittedly the high spot of the tournament, was the semi-final encounter between Summers and Sidney Dufon, the tall, rangy Harvard Club professional which also drew the largest gallery of the tournament. It was the first year of national competition for Dufon and the first time that these two had met since their match in Buffalo, New York, some five years before, which went to Dufon after a lengthy battle. Jack started fast and took the first game in comparatively short order before Dufon hit his stride. The next two games raced along at an exhausting pitch with Jack using all the shots from his bag of tricks and keeping the Harvard pro continually on the run. But the latter retaliated with a persistent barrage of low straight fast balls and a series of amazing gets that netted him a double victory and a 2 to 1 lead in games.

Summers Evens Up

The tempest somewhat subsided as Summers took the next game 15-9 to even the score at 2 all but it was soon raging worse than ever as both steeled themselves for the final issue. Point for point they battled as Jack played the front wall, side wall and back wall and all four corners while Dufon continued his annoyingly persistent low fast ball and court covering. Jack established a comparatively formidable lead of 13-11 but Dufon pulled up to 13 all and Summers called for a five point playoff. The Harvard pro immediately drew away to a heart-breaking 3-0 lead, before the tide of battle turned.

At this point, Jack called upon the Gods, his nerve, and all the shots

(Continued on Page Four)

Student Gets Thrill From Visit To Largest Arch Span Bridge in World

Institute Graduate Conducts Visitor Over Kill Van Kull Bridge

There is at least one member of the student body at the Institute who is willing and even eager to say that the new Kill Van Kull bridge between Staten Island and the Jersey shore at New York is the largest arch span in the world.

"And was it a long way down to the water from those thin beams up there. It looked almost miles," he said when talking about the inspection trip he made of the bridge after obtaining permission from the Port Authority to do so.

The biggest thrill of the whole morning was when he had to walk a single twelve inch plank with nothing but the cold, cold water underneath. The engineer who was showing him the bridge walked nimbly across the plank but it was quite an exciting ten feet to a fellow more accustomed to the solid floors of the Institute than planks 145 feet in the air.

Tech Man Acts as Guide

One of the biggest surprises of the morning came when the visitor met John H. Leon, '24, who took the amateur inspector from Technology in tow soon after he came up the stairs to the top of the steel, and then showed him the whole works. They walked from one side to almost the other end of the structure where an erecting traveller blocked further progress.

Large construction work usually has a thrill for a student, and the man who was out making the most of the short vacation between terms reports that he was very much impressed. "Those great shoes, 60 tons each; the gigantic members at the foot of the lower chord; and the plate girders on the viaduct—ten feet deep and over 120 feet long; it gave me a thrill to look at them."

Mr. Leon, who has been on the bridge job for the American Bridge Company since steel erection began fifteen months ago, was very courteous to the visitor, allowing him to stay up on the steel work as long as he wished and explaining details of the work in response to questions.

Arch 1652 Feet Long

The Kill Van Kull arch, which is the longest arch span in the world, is 1652 feet long, from center to center of the piers and 1675 feet from abutment to abutment. This exceeds the recently completed arch bridge at Sydney, Australia, by 25 feet.

The girders in the approaches on both sides of the channel approach the maximum size for such members. They are an even ten feet in depth, and it is impossible to ship single members of much greater width because of the limitations imposed by the clearance of railway trestles and tunnels.

The erection of the Kill Van Kull arch necessitated the development of

a unique erection procedure because the channel near the Port Richmond side, Staten Island, had to be clear for shipping at all times and falsework could not be used under that portion of the arch.

The method finally adopted for the erection was described in detail by Henry W. Troelsh, designing engineer of the American Bridge Company in a lecture delivered before the M. I. T. student chapter of the American Society of Civil Engineers at its last meeting.

This involved erecting seven panels from the Port Richmond side on bents, removing all but one of the bents, and then beginning work on the Bayonne side and extending the arch far beyond the center, until it reached the previously erected portion, some two hundred feet beyond the crown of the arch.

"Just imagine it, a great big bridge standing there looking as if it were going to topple off into the water at any moment. There was the traveller, two hundred feet beyond the center picking up 80 ton members. It must have been a queer sight," he said.

When the traveller picked up steel while out on the end of the cantilever portion, the end had a decided movement, and Mr. Leon said that when the last members were raised the bridge moved as much as eight inches.

In erecting the temporary bents which supported the bridge during erection, the biggest water derrick equipment in New York harbor was used. The highest bents used on the Bayonne side were over 120 feet long and the columns were made up of the floor girders of the Port Richmond viaduct.

Safety Stressed

One of the first things to come to the attention of the student who was fortunate enough to make the trip was the fact that safety was being stressed to the utmost. While in the office of the Port Authority on the abutment where he secured his permission to visit the work, he talked to a repre-

(Continued on Page Four)

Library Receives Copy of Smallest Book Made in U.S.

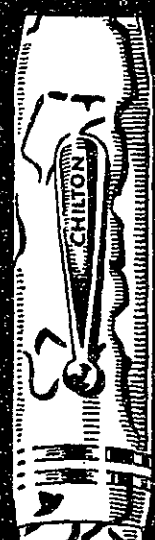
Copy of Lincoln's Addresses In Miniature Is Smaller Than Stamp

Measuring thirteen-sixteenths of an inch across the cover, the smallest book ever produced in America, is now in possession of the Institute Library. The book is a miniature edition of Lincoln's Addresses, with a title page, preface, and a table of contents, followed by 160 pages of text all in due proportion to its tiny form. It is smaller than a postage stamp and bound in red leather which is tastefully lettered in gold.

The book was produced by the Training Division of the Kingsport Press, Kingsport, Tennessee, as an exhibit for the annual convention of the Employing Bookbinders of America and was awarded first prize at their meeting in Boston in October, 1928.

Dedicated "To student craftsmen everywhere" the little volume suggests that the acquirement of skill in the use of tools still has its appeal in this machine age, since, as stated in the preface, the restrictions of size and form "emphasized rather than minimized the problems of book technique." The choice of Abraham Lincoln, was made it is said, because "no author has ever excelled Lincoln in putting a large amount of human feeling within the compass of a few words."

The book contains the Gettysburg Address, the Second Inaugural and two other less familiar speeches, all easily legible with a reading glass and actually decipherable with a little effort by the naked eye. The tiny volume is the gift of the Kingsport Press and is on display in the Exhibit Case in the Central Library.



THE PEN THAT WON'T
RUN DRY
DURING LECTURES
CHILTON PEN
CARRIES DOUBLE
THE INK



Winter Sports Outing

Greenfield, N. H. Sunday, February 15

Ski, snowshoe, toboggan or sleigh in the Lyndeboro Mountain and North Pack Monadnock Region. Choice of ski instruction or cross country trips. Travel and rest on our special train with all the comforts of home. Lounge Car. Dining Car. Meals at all hours. Special \$1 dinner and a la carte.

Train leaves No. Sta., Boston 8:30 a.m., Winchester 8:45 and Lowell 9:10 A.M. Returning leave Greenfield 6:15 P.M., Due Boston 8:40 P.M.

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BOSTON and MAINE RAILROAD



\$2 Round Trip

Gym Team Meets N.Y.U. In Walker This Afternoon

**Stiff Competition Expected
Against Witzig, Olympic
Star of New Yorkers**

When the Gym Team meets N. Y. U. this afternoon at four o'clock in Walker Gym, there will be sparks flying dangerously close to the mantle of success worn by the Beavers during the last week as a result of their victory over Army. Witzig, the N. Y. U. ace, is an all-round man, and will enter three or possibly four events, and will almost surely place in each. He is without doubt the finest performer on the parallel bars in this country, and one of the best in the world. Considering his reputation, the home team is slated for a tough afternoon.

In spite of this one pillar of strength, there are numerous opportunities for the men to disrupt the N. Y. U. team, because there doesn't seem to be the necessary backing for Witzig, among his own men. He is a wonderful performer, but aside from having him as a nucleus for team, N. Y. U. should have to perk up above the average it has been following, if it would win this meet.

Knapp in Good Shape

Captain Knapp, after taking two first places in the last meet, is in better shape than he has been this year, and ought to give an excellent account of himself. Every one of the other men on the team scored in the Army meet, and with such support, any N. Y. U. man will have to scramble to get on the counting side of the score.

In the rope climb, the M. I. T. team stands a good chance of cleaning up, as the men are all fast, and their times are almost always within a few fifths of a second of one another, too little to allow anyone to work his way into the score sheet.

Freeman and Getting, working on the high bar, if they live up to the standard they set in the Army meet, will give the New Yorkers something to think about in competition.

TRIP PLANNED FOR COLLEGE STUDENTS

(Continued from Page One)
service, dinner will be served at the Student Headquarters after which Dr. Richard Cabot, chairman of the National Council of Social Agencies, will speak on the Wickersham Report.

In the afternoon a Greek church will be visited and some of the ritual of the church will be explained for the benefit of the group. From there the group will go to the Ford Hall Forum to hear Prof. Harry Overstreet speak on "Are We Moving Toward a New Philosophy of Life."

A charge of sixty-five cents will be made for dinner and fifty-five cents for supper. All interested should give their names to Mr. Wallace Ross in the T. C. A. office.

Being a college student of Harvard University in 1734 was a stern and solemn business. Rules for freshmen included such as these: "No freshman shall wear his hat in the college yard except when it rains or snows, or be on horseback, or hath both hands full. No freshman shall use lying or equivocation to escape going on an errand. Freshman may wear their hats at dinner and supper, except when they go to receive their Commons of bread and beer."

An article in the Reveille, undergraduate newspaper of the Louisiana State University, declares that of all types of instructors on the campus, the most hated, and, at the same time, the most popular in the end, is the so-called "hard-boiled prof."

Nominations for Senior Week Due Wednesday

Nominations for the Marshalls and the members of the Senior Week Committee are due next Wednesday, it was announced at the meeting of the Institute Committee yesterday. The elections of these officials will be held on Wednesday, February 25.

TRACK TEAM WILL MEET FOR TITLES

**Varsity and Freshmen Furnish
Men for All Events**

(Continued from Page One)

ton College, Boston University, Northeastern University, and New Hampshire. This time constitutes a New England freshman record for the one mile relay, and seems to assuredly predict the success of the team tomorrow afternoon. H. R. Schwarz, Charlie Hall, John C. Barrett, and Walter Wrigley, are the men who make up this championship team, and upon them rests a great deal of responsibility in the rating with which the Institute merges from the Arena tomorrow night. The freshman relay faces teams from Dartmouth, Harvard and Holy Cross.

Indoor Meet At Night

In the evening the meet will be the Forty-second Annual Indoor Games of the Boston Athletic Association, and it will include all of the track events. In the high jump, Everett Coon and Philip Benjamin are entered, Coon having decided not to run in the hurdles. The only Technology entry in the high hurdles will be Irvin Ross, who has been improving to such a degree lately, that there is no possibility of predicting where he will end up.

Don Gilman, the favorite runner of the Institute, who has taken the honors in so many cross country races, has entered the two mile with Gene Clarke, and will furnish plenty of action to whoever he meets in the race.

McCarthy Shifts Team For Saint Micheal's Contest

**Feustel to Play Guard, Coffey
Forward Against Strong
Vermont Team**

In their fifth game of the year, the Engineer cagers will meet the strong St. Michael's five tomorrow night in the Hangar Gym. The time of the game is scheduled for eight o'clock.

Coach McCarthy announced last night that he intends to try out a new combination in this game. Instead of the usual pair at forwards, namely, Harrison and Feustel, the latter will be shifted to a guard with either Johnson or Sysko playing the other defensive position. Coffey will start at the other forward berth and Motter will take his position at center. By this McCarthy hopes to shake the jinx that has been following the team all season in the close games. Scrimmages have been held all week and the team should be in good shape to try for their second victory of the year.

St. Michael's is not a very well-known team around Boston playing most of their games in western New England. Of the teams they have played, Rhode Island State, Holy Cross and Northeastern are the only ones in this district. These games were all played on one trip and came on three succeeding days, the whole trip proving unsuccessful. Northeastern defeated them in a close game, but as this was the last game of the three they were not in the best playing condition. The school, however, boasts men of such ability as Jack Slattery who was high college scorer last year and was captain of the team until he was forced to leave school this year. The team as a whole is strong and a good game should be in order tomorrow.

Coach Owen Murphy of St. Michael's is a former Boston College athlete having starred in football, basketball and baseball there. Several men on the squad are from Greater Boston.

For the first time in its history, the Arkansas house of representatives has named a girl page.

As We Like It

LYRIC THEATRE

"Stepping Sisters," the new farce comedy which opened at the Lyric this week, is sure to please one, whether that one has a sense of humor or not. This rapidly moving play is just a succession of very funny situations, with scarcely a dull point in any of the three acts. The three leading characters were extremely well portrayed by Theresa Maxwell Conover, Helen Raymond and Grace Huff. They were ably supported by the remainder of the cast.

The story deals with the very unexpected and initially undesired reunion of three old friends, formerly chorines whose major occupation in their younger days was to carry spears in a burlesque show. They have been separated for twenty years and have all left their former profession. Theresa Conover as "Cecelia Ramsay," has successfully buried her past, even from her own daughter, and is now a prominent society lady, selected to be the next President of the Woman's Club.

The Club decides to put on a charity stage performance and plans are made to keep the actors at the various members' homes. Helen Raymond as "Regina Chestworth-Lynde" is now a Shakespearean Actress of some fame, and Grace Huff as "Rose La Marr" a gold-digger looking for her "chummy" arrive at Mrs. Ramsay's home as her guests. The ensuing scenes in which the Women's Club discovers that their next president-to-be was formerly a chorine, that the noted Shakespearean actress had likewise been a spear-carrier, and that Rose's "chummy" is none other than Mrs. Ramsay's husband are extremely hilarious. See the show—you will enjoy it.

LOST LOST LOST

Dark red, figured scarf in corridor between 2,246 and 3,410 on Saturday, Jan. 24. Finder please turn in at Room 302, Walker Memorial.

ANNOUNCE CONTEST TO UNDERGRADUATES

(Continued from Page Three)
on the outside. This envelope and the paper are to be enclosed in a large, plain envelope marked only "Paper for James Means Memorial Prize." They are to be handed in at room 33-307 not later than 1 p. m. on April 25, 1931.

Infirmiry List

Robert F. Allen, '34.
William W. Hartz, '34.
Pienchun Huang, Graduate.
Douglas F. Illian, '31.
Guy D. Johnson Jr., '32.
David T. H. Shaw, Graduate.
Walter V. Skees, '31.
Charles Taylor, Professor.
Frederick Wilson, '34.

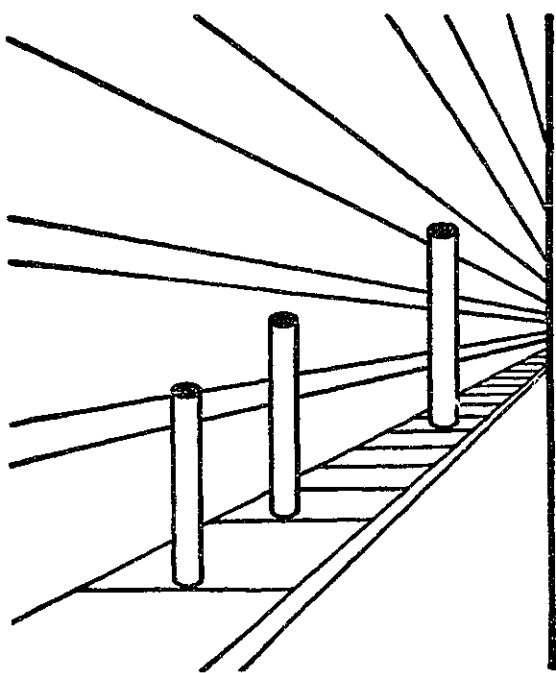
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OFFICIAL BULLETINS OF GENERAL INTEREST

Faculty Club Luncheon Meeting Prof. William F. G. Swann
Friday, February 13, 12:00 M., Walker Memorial
Faculty Dining Room

Professor Swann, Director of the Bartol Research Foundation of the Franklin Institute at Swarthmore, Pennsylvania, will speak on "Philosophic Concepts in Physics."

Popular Science Lecture Professor Ernest H. Huntress, Ph.D.
Sunday, February 15, 4 P.M., Room 10-250

Professor Huntress, Assistant Professor of Chemistry, will be the speaker at the Popular Science Lecture which is under the auspices of the Society of Arts. The subject of his lecture will be "Some Contributions of Organic Chemistry to Daily Life."

Building Construction Mr. Thomas F. McSweeney
Monday, February 16, 10:00 A.M., Room 1-134

A course of illustrated lectures on "The History of the Art of Building" will be given under the auspices of the department of Building Construction during the second term by Mr. Thomas F. McSweeney '16, on Mondays, from 10:00-12:00 A.M.

Open to students and members of the instructing staff.

Welding Mr. Peter P. Alexander
Monday, February 16, 4:00 P.M., Room 4-156

A series of lectures on "The Metallurgy of Welding and Its Industrial Application" will be given under the auspices of the Department of Mining Engineering and Metallurgy on Mondays, February 16-May 25 inclusive, by Peter P. Alexander, Research Engineer, Thomson Research Laboratory, General Electric Company.

Open to students and members of the instructing staff.

CALENDAR

Friday, February 13

5:00-6:00 P.M.—Banjo Club Rehearsal, East Lounge, Walker Memorial.
4:00—Gym Team Meet, Walker Gym.
7:30 P.M.—Fencing Meet, Hangar Gym.
8:00 P.M.—Chess Team contest, Faculty Dining Hall, Walker Memorial.
7:30 P.M.—Formal Dinner Dance given by Technology Dormitories, Main Hall, Walker Memorial.

Saturday, February 14

2:00-6:00, 7:30-10:30 P.M.—Tech Show rehearsals, Walker Gym.
7:00-12:00 P.M.—Technology Catholic Club Dance, Main Hall, Walker Memorial.
8:00-12:00 P.M.—University Lutheran Students' Dance, North Hall, Walker Memorial.
7:30 P.M.—Technology vs. St. Michael's College, Basketball game, Hangar Gym.
6:00 P.M.—Department of Geology dinner, Grill Room, Walker Memorial.

Sunday, February 15

5:00-6:00 P.M.—Instrumental Club rehearsal, East Lounge, Walker Memorial.
6:00 P.M.—Alpha Phi Delta meeting, Faculty Dining Hall, Walker Memorial.
7:30 P.M.—Tech Show rehearsal, Walker Gym.

KILL VAN KULL SPAN LARGEST OF ITS KIND

(Continued from Page Two)

representative of the group under whose authority the work is being done, and the first and last thing said in the office was that he would have to be careful while "up on top."

The Port Authority is quite proud of the record made on the bridge. During the entire fifteen months during which steel erection has been carried on, not a single man has been dropped into the river, and there has been no serious injury to a workman.

To Be Completed in 1932

Steel erection on the bridge was begun in October 1929, and the arch was closed almost a year later. Since that time the floor of the roadway has been laid and the viaducts erected. The beams in the roadway are now being placed, and the company with which Mr. Leon is connected expects to finish its work on the steel erection within another month. After that the

concrete roadway must be placed, and the approaches finished. It is planned to open this bridge early in 1932, at the same time that the new bridge across the Hudson is opened to traffic.

FOREIGN STUDENTS TO DINE WITH PRESIDENT

All the foreign students of Technology will be guests at the annual buffet supper given in their honor at the President's home. President and Mrs. Compton have sent out two hundred and fifty invitations to students from twenty-eight countries. The affair will be informal and all married men are requested to bring their wives along.

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JACK SUMMERS WINS U. S. CHAMPIONSHIP

Retains Title Against Field
Of Twenty Leading Pros

(Continued from Page Two)

that had made him champion in 1930 and did the impossible feat of running out five straight points for the final and deciding game of the match. Asked later just what he had on his mind when Dufton took the 3-0 lead in that final set five, Jack replied, "I didn't think, I just played." It was a thrilling victory which left Summers with just enough strength to throw his racquet to the front wall and shout for joy while the gallery drew a long breath and withdrew to recuperate.

Ben Pope, the big six foot two professional from the Pittsburgh Athletic Club, weighing 210 pounds and somewhat of a dark horse in the tournament, gained the right to the other position in the finals through his defeat of Eddie Stapleton of the B. A. A. in straight but extended games. In spite of his bulk he covered the court in amazing fashion as he darted from side to side, almost a head taller than Summers. He also employed a powerful forearm but varied his game a little more than Dufton had done and succeeded in evening the score at 1 all in games before Jack gained a permanent upper hand and took the next two games to give him the match and the title. However Pope forced the champion all the way and further distinguished himself for his thoroughly sportsmanlike conduct on the court.

Popular Victory

It was a popular victory for Jack in the eyes of the gallery for no other entry in the tournament displayed the wide variety of shots and general court tactics of keeping his opponent on the defensive, that the Technology professional showed.

Previous to the first national tournament, held last year, which he won.

Summers was New England Champion for five years. In recognition of his efforts in the education of athletes to the game of squash and his efforts in stimulating new interest in the game, as well as his ability as a player, he was elected president of the National Professional Squash Racquets Association.

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